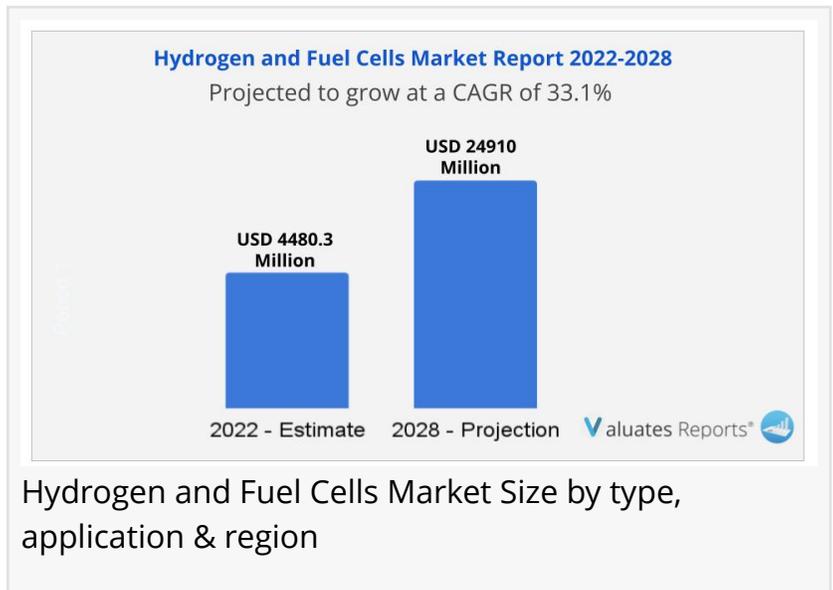


# Hydrogen and Fuel Cells Market Size is expected to Record 33.1% CAGR Through 2028

*Hydrogen and Fuel Cells Market: Global Opportunity Analysis, Growth Trends, Share, Size & Industry Forecast, 2022-2028.*

BANGALORE, INDIA, February 1, 2022 /EINPresswire.com/ -- Hydrogen and Fuel Cells use hydrogen as a chemical element, and are made into batteries that store energy. The basic principle is the reverse reaction of electrolysis of water, hydrogen and oxygen were supplied to the cathode and anode, hydrogen diffusion through the cathode and the electrolyte reaction, the release of electrons through the external load to reach the anode



Hydrogen and Fuel Cells Market Size by type, application & region

Due to the COVID-19 pandemic, the global [Hydrogen and Fuel Cells market](#) size is estimated to be worth US\$ 4480.3 million in 2022 and is forecast to a readjusted size of US\$ 24910 million by 2028 with a Compound Annual Growth Rate (CAGR) of 33.1% during the forecast period.

The Hydrogen and Fuel Cells Market is segmented on the basis of type, application, and region. By Type, the market is classified into Air-Cooled, Water-Cooled. By Application, it is categorized into Stationary, Transport, Portable. By region, the market is analyzed across North America, Europe, Asia-Pacific, Latin America & Middle East (LAME), and Africa. Players, stakeholders, and other participants in the global Hydrogen and Fuel Cells market will be able to gain the upper hand as they use the report as a powerful resource. The segmental analysis focuses on sales, revenue, and forecast by region, country, company, type, application, and sales channels for the period 2016-2027.

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<https://reports.valuates.com/request/customisation/QYRE-Auto-13M206/Global Hydrogen and Fuel Cells Market>

Traditionally, the North American market develops significantly due to the commercialization and adoption of electric vehicles. However, Asia Pacific emerges as a growing market in terms of shipment in 2019. Growing demand for new energy vehicles and power systems in the APAC market triggers the market demand.

The hydrogen and fuel cells market, by type, is segmented into air-cooled type and transport-cooled type, an air-cooled system accounted for the largest market share in 2019.

Growing demand for clean energy generation and reliance on hydrogen and fuel cells-based public transportation systems in developed regions is driving the market growth. Moreover, advantages offered by the air-cooled system, such as structure is simple, lightweight, the price is relatively cheap are likely to drive the demand for the air-cooled system during the forecast period.

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Power-based electricity generation is effective in minimizing the emission of carbon dioxide or any other hazardous pollutants. Hence, hydrogen and fuel cells technology plays a vital role in dealing with environmental issues as well as encouraging the use of renewable carriers of energy. Ongoing product developments and innovation is expected to open new opportunities for emerging players.

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- Panasonic
- Plug Power
- Toshiba ESS
- Ballard
- SinoHytec
- Hydrogenics
- Honda
- Hyundai Mobis
- Toyota Denso
- Elring Klinger
- Bosch/Powercell
- Symbio

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